



143rd Transportation Command Orlando, FL

***MAJ Dennis McFadden
Operations Officer***

***JLOTS R & D Symposium
Duck, NC
29-31 January 2002***



Agenda

- Mission Statement and METL
- TRANSCOM Organization
- Peacetime Mission
- Wartime Mission
- Operations and Exercises
- Transportation Functional Oversight
- TRANSCOM Redesign



143rd TRANSCOM Mission Statement



On Order, the 143rd TRANSCOM Mobilizes and
Deploys to
Establish the Theater Level Transportation System.

Establish

Aerial and Sea Ports of Debarkation and Inland
Motor and Rail

Operations As Directed Provide
Transportation Services Throughout

Operations.





RSO&I Process

(Reception, Staging, Onward Movement, and Integration)





143rd Transportation Command

Peacetime Mission



Peacetime Mission

143rd TRANSCOM



**Develop Transportation
Plans and Policies for both**

MTWs

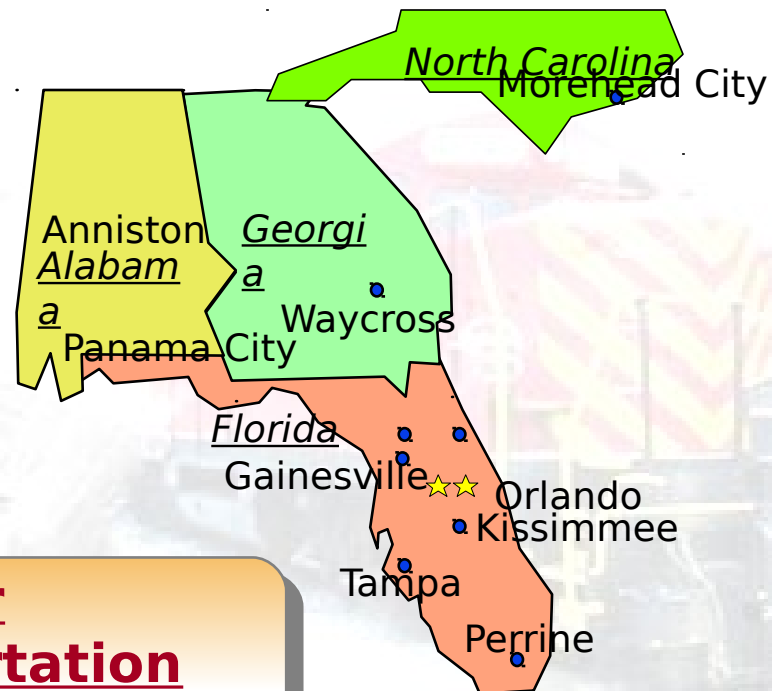
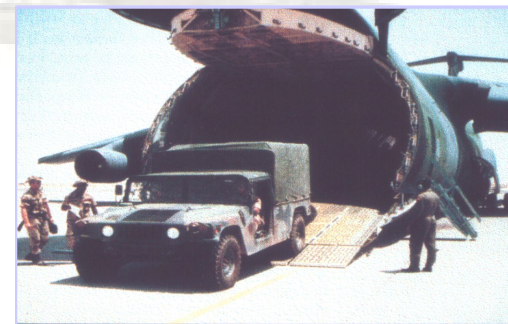
**USARC's Action Agent for
CONUS and OCONUS
Transportation Operations**

**FORSCOM's Action Agent
for SEDREs and CINC
sponsored JLOTS exercises**

**Command and Control 12
Transportation Units in
Alabama, Florida, Georgia, &
North Carolina**

**USARC's advisor for
optimizing Transportation
collective and individual
training opportunities to**

improve readiness (TTAB



ect the Force"



Peacetime Responsibilities

Provide Staff Supervision for Personnel, Administration, Budget, Facility Management, Training, Logistical Support, and Mobilization Execution for 12 Subordinate Units

Req'd

Auth

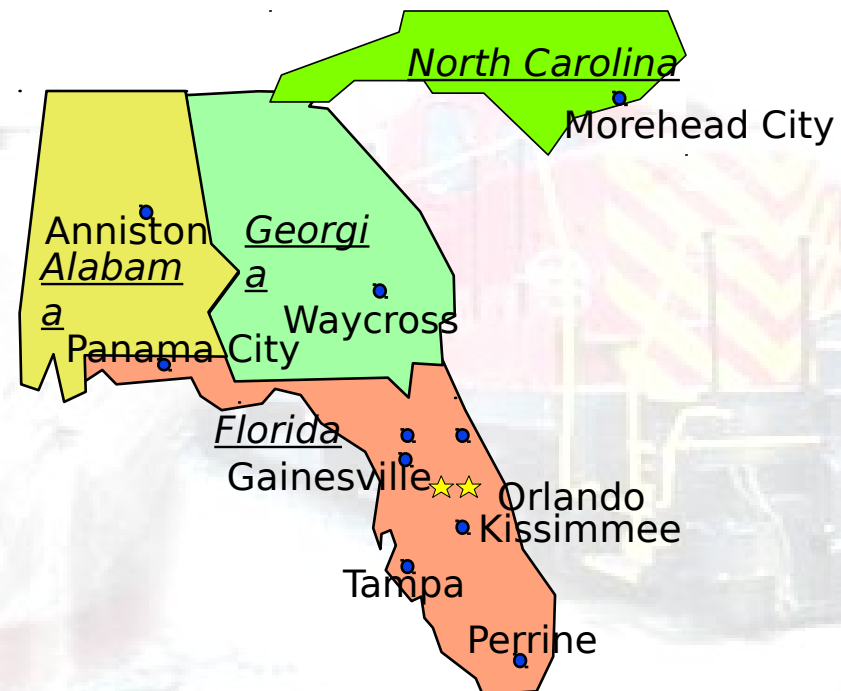
Total Soldiers **868** **864**

TPU Soldiers 710
715

AC 61 61

AGR 97 88

Civilian 41 26



"Project the Force"



143rd Transportation Command

Wartime Mission



Wartime / Contingency Operation Responsibilities in both MTWs

Mobilize and Deploy to establish theater level Transportation Systems

Develop and Execute theater level transportation plans, policies, and procedures

Conduct Reception, Staging, and Onward Movement Operations for Army, Joint, and/or Combined Forces



Plan and Execute theater level transportation operations



Command and Control EAC transportation units

Operate Theater common user seaport terminals, coastal & inland waterway MSRs, JLOTS sites, rail terminals and line haul truck ops



143rd TRANSCOM Wartrace



MTW-East

Trans Groups - 3

Bn's ■ 12

Co's ○ 67

○
Hawaii

MTW-West

Trans Groups

2 ■

Bn's ○ 14

Co's 77

TC GP

TC GP

TC GP

TC GP

143rd
TRANSCOM

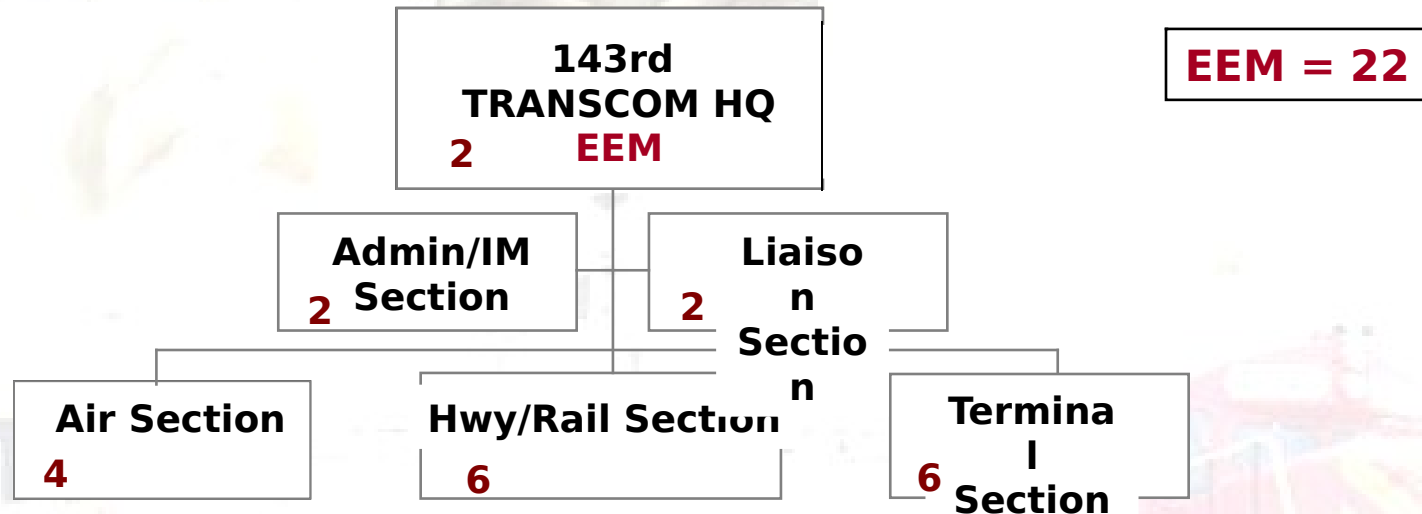
TC GP

Puerto
Rico

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143rd TRANSCOM Forward Early Entry Module (EEM)



- ✓ Provides functional C2 and technical supervision for subordinate Transportation Units;
- ✓ Develops plans, policies, procedures, and programs for Transportation requirements and use of Army Transportation assets;
- ✓ Prepares estimates, plans, and policies for mode and terminal operations;
- ✓ Advises the TSC Deputy Commander for Support on the effective use of Transportation units and services.

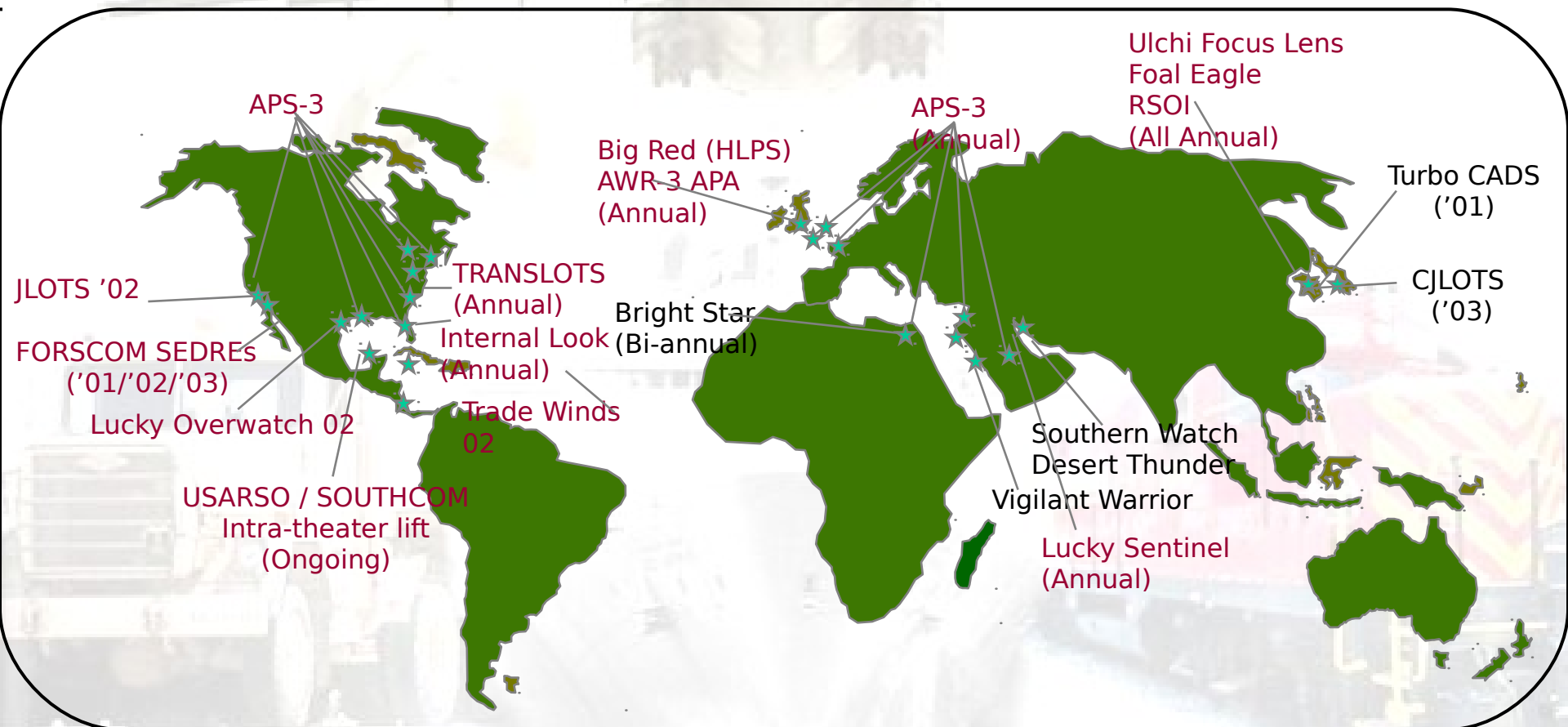


143rd Transportation Command

Operations and Exercises



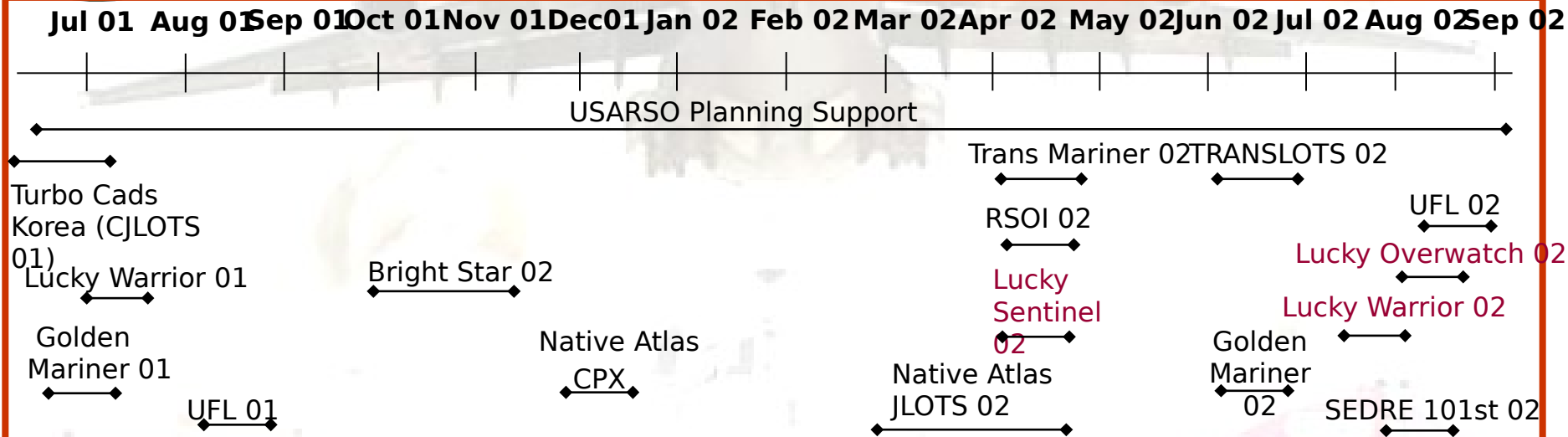
Areas of Operation and Exercise Locations (FY99 - FY03)





FY-02 External Missions / Exercises

143rd TRANSCOM



Exercise Name	Dates	Location	Higher Headquarters	Unit	143d Action Officer
RSOI/Foal Eagle	Apr-02	Korea	19th TSC	143d EEM	MAJ Shine
Trans Mariner	Apr-02	Sunny Point NC	AMC/AFSCOM	336th TC GP	SFC Penn
Native Atlas JLOTS 02	Mar-02	Camp Pendelton	CENTCOM	32nd GP/bch gp	MAJ Scott
TRANSLOTS	Jun-02	FEVA	USARC	300th TC GP	LTC Barker
Golden Mariner	Jun-02	Charleston, SC	AMC/AFSCOM	336th TC GP	SFC Penn
Ulchi Focus Lens	Aug-02	Korea	19th TSC	143d EEM	LTC Pacquin
SEDRE 101st	Aug-02	Beaumont	FORSCOM	32nd TC GP	MAJ Scott
USARSO	Continuous	USARSO AOR	143rd TRANSCOM	7th/32d Gps	



FY-02 Planning Conferences / Other Activities

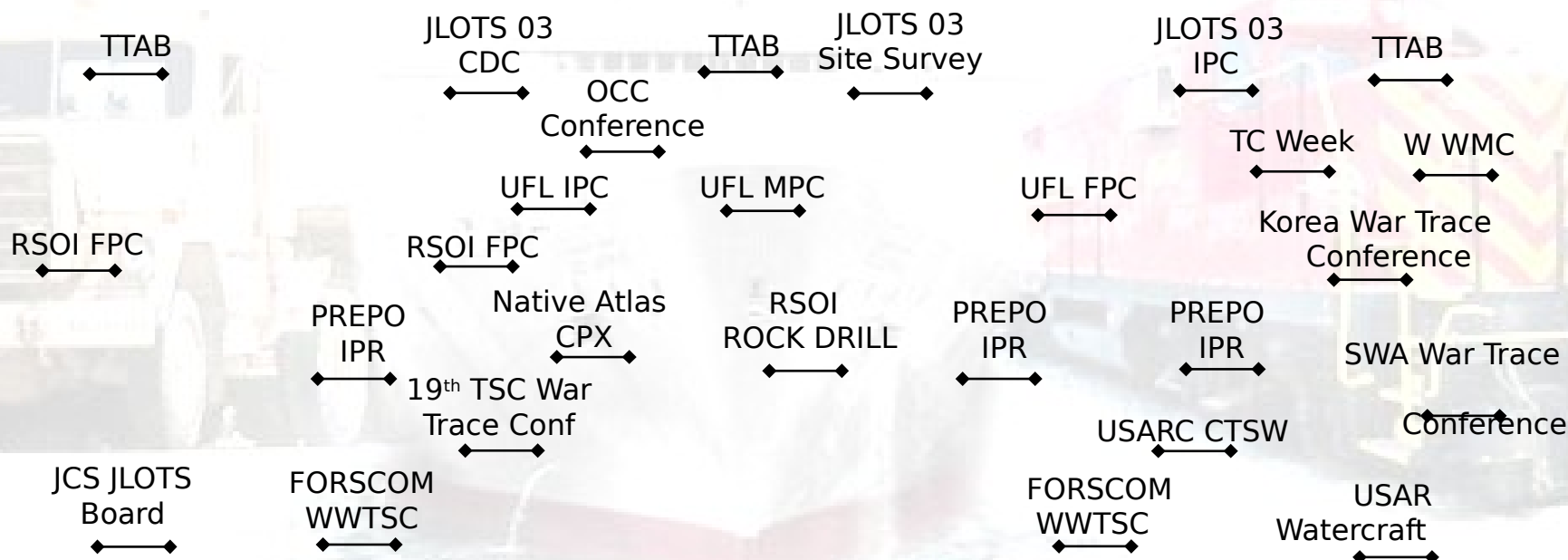
Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01 Jan 02 Feb 02 Mar 02 Apr 02 May 02 Jun 02 Jul 02 Aug 02 Sep 02

Site visits to higher and subordinate commands to coordinate planning efforts

Attend all OPLAN TPFDD Conferences (Oct, Dec, Jan, Mar, Sep)

Provide transportation planning expertise to TSCs, RSCs, ASCCs, and CINCs

Provide staff input to Transportation Corps initiatives and concepts (e.g. TCE, PREPO, TSV, Wtrcft Restructure Plan)



Conference
"Project the Force"



143rd Transportation Command

JLOTS Exercises & Native Atlas '02



JLOTS Definition

LOTS is the process of discharging cargo from vessels anchored offshore or in-the-stream, transporting it to shore or pier and marshalling it for onward movement.

JLOTS occurs when Army and Navy units conduct LOTS operations together under a Joint Force Commander.





Joint Chiefs of Staff JLOTS Exercise Sponsorship Message

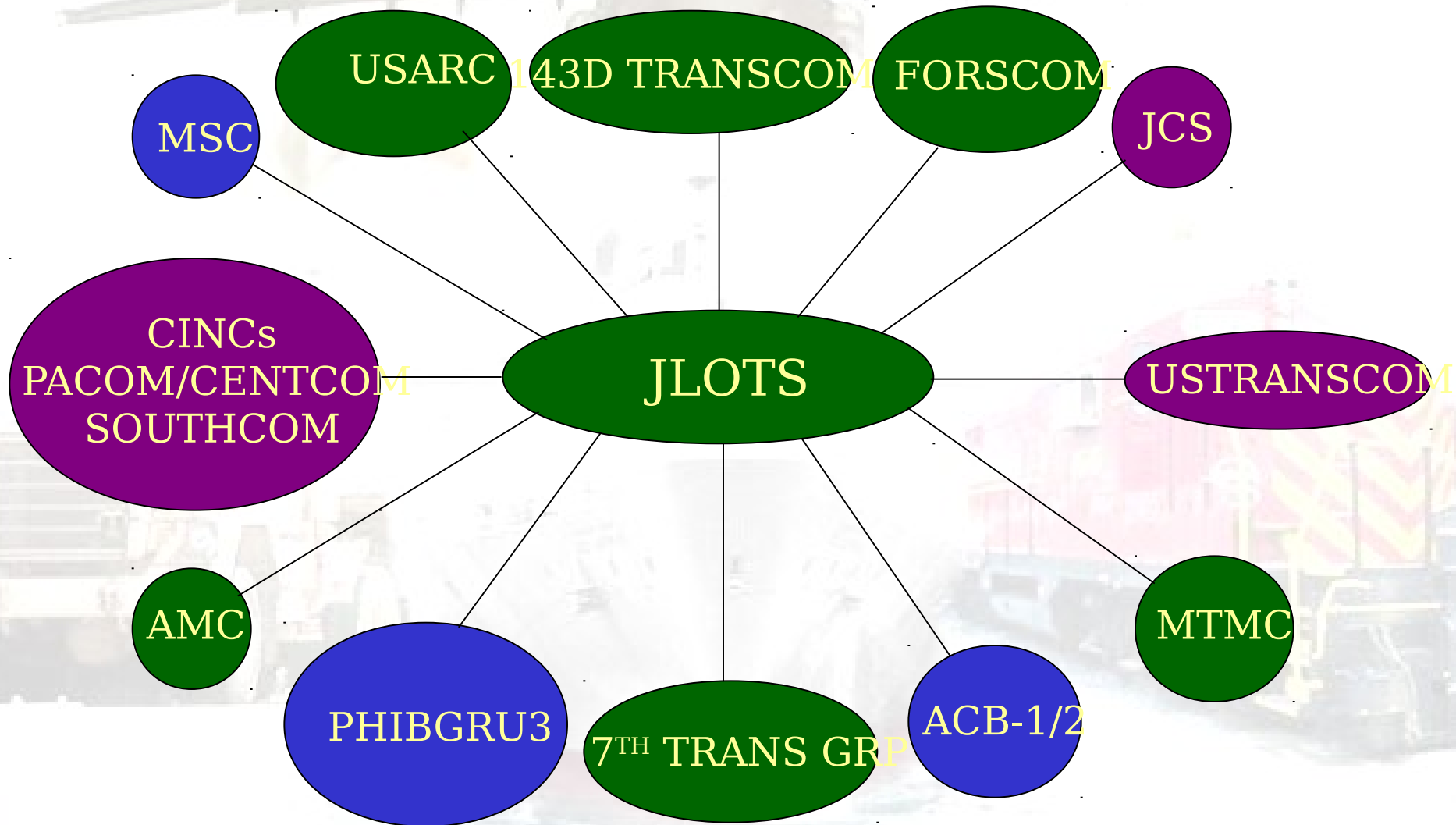


- To ensure JLOTS as a strategic capability, it must be realistically exercised each year, and the CINC's, Services, and JLOTS community must work together to maximize training and maintain operational excellence.
- It is essential that programmed funds are available to ensure accomplishment of the JLOTS training objectives.
- It is critical that JLOTS is exercised regularly to maintain operational excellence in this important warfighting area.

* Reference CJCS Message dated 291633Z JAN 01



The JLOTS Community





JCS Directed, CINC Sponsored, C/J/LOTS Exercises

Schedule and CJLOTS Cdr / ARFOR Cdr:

✓ FY '00: US TRANSCOM – Turbo Patriot, Camp Pendleton, CA

143d TRANSCOM / 7th Group

✓ FY '01: PACOM – TURBO CADS, Chilpo/Pohong, ROK

143d TRANSCOM / 7th Group

➤ FY '02: CENTCOM – Native Atlas, Camp Pendleton, CA

143d TRANSCOM / 32d Group

➤ FY '03: PACOM – RSOI/Foal Eagle, ROK

143d TRANSCOM / 7th Group

➤ FY '04: SOUTHCOM – New Horizons/ TBD

143d TRANSCOM / TBD

➤ FY '05: PACOM; 143d TRANSCOM / TBD

➤ FY '06: CENTCOM; 143d TRANSCOM / TBD



Summary of FY '00 / '01 JLOTS Exercises

➤ TURBO PATRIOT JLOTS '00 (USTRANSCOM)

- Established and deployed a Joint LOTS HQ's and Task Force
- Deployed, constructed and operated ELCAS (NL) and Causeway Pier
- Conducted an in-stream discharge of an LMSR
- Deployed, constructed, and operated OPDS and IPDS
- Established and operated a Base Camp that supported 1200 personnel

➤ TURBO CADS C/JLOTS '01 (PACOM)

- Established and deployed a Joint and Combined LOTS HQ's and Task Force
- Conducted Sea/Landward Security in a Combined Environment
- First ever OCONUS deployment, construction, and operation of Navy ELCAS (M)
- Deployed, constructed, and operated Causeway Pier
- Conducted an in-stream discharge of 2 Support Vessels and 1 Commercial Container ship
- Deployed, constructed, and operated OPDS and IPDS (pumped 3.2 million gallons of water)

OPDS=Offshore Petroleum Discharge System (Navy); IPDS=Inland Petroleum Discharge System

(Navy) ELCAS (M)= Elevated Causeway System (Moffett) Joint Base Camp supporting 1500 personnel

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Summary of FY '02 / '03 / '04 JLOTS Exercises

➤ **Native Atlas JLOTS '02 (CENTCOM)**

- Establish a JLOTS HQ's and Task Force at Camp Pendleton, CA
- Conduct in-stream APS-3 LMSR download
- Conduct in-stream download with onward movement of (3d ID) combat force
- Conduct in-stream CADS download with onward movement

➤ **CJLOTS '03 (PACOM)**

- Establish a Joint and Combined LOTS HQ's and Task Force in ROK
- Deploy, construct, and operate ELCAS (M) and Causeway Pier
- Deploy, construct, and operate OPDS and IPDS
- Establish and operate a Base Camp to support 1500 personnel

➤ **CJLOTS '04 (SOUTHCOM)**

- Establish a JLOTS HQ's and Task Force in USARSO AOR
- Conduct in conjunction with Exercise New Horizons
- Deploy an Engineer Task Force into the theater



Native Atlas 02



Mission

O/O Joint Task Force elements deploy vicinity Camp Pendleton, California to conduct Wet (OPDS / IPDS) and Dry (LO/LO and other) operations in support of the 3rd Infantry Division's (3ID) National Training Center (NTC) rotation (07-02). JLOTS inclusive dates are 29 March 02 to 15 April 02



JLOTS COMMANDER RESPONSIBILITIES



- Provide Army/Navy Survey teams to conduct Site and Hydrographic Surveys to validate JLOTS area of operation (Facilities/Real Estate)
- Develop an exercise budget to include joint and service funding requirements.
- Develop the recommended JLOTS Task Force based on mission requirements
- Orchestrate JLOTS specific planning sessions during the IPC, MPC and FPC
- Develop the JLOTS Task Force OPORDER
- Provide input to the exercise TPFDD
- Coordinate with MTMC and MSC for all related matters
- Oversee strategic deployment of CONUS-based units
- ~~Report to the CINC or JTF Commander as required~~



Native Atlas 02

Specifics

- 48 AC/RC Army Units participating/approximately 1000 soldiers
- 27 AC/RC Navy Units participating/approximately 700 soldiers
- Base Camp supports over 1800 personnel
- Discharge APS-3 vessel USNS SISLER
- Transfer 166 APS-3 pieces to ARFOR
- Discharge 200 ammunition containers and onward move to MOTCO
- Discharge 3ID Strategic vessel (LMSR) with approx 1250 pieces
- Onward move 3ID equipment to the NTC NLT 10 April
- Deliver a minimum of 2.0 Million gallons of fresh water across the beach



143rd Transportation Command

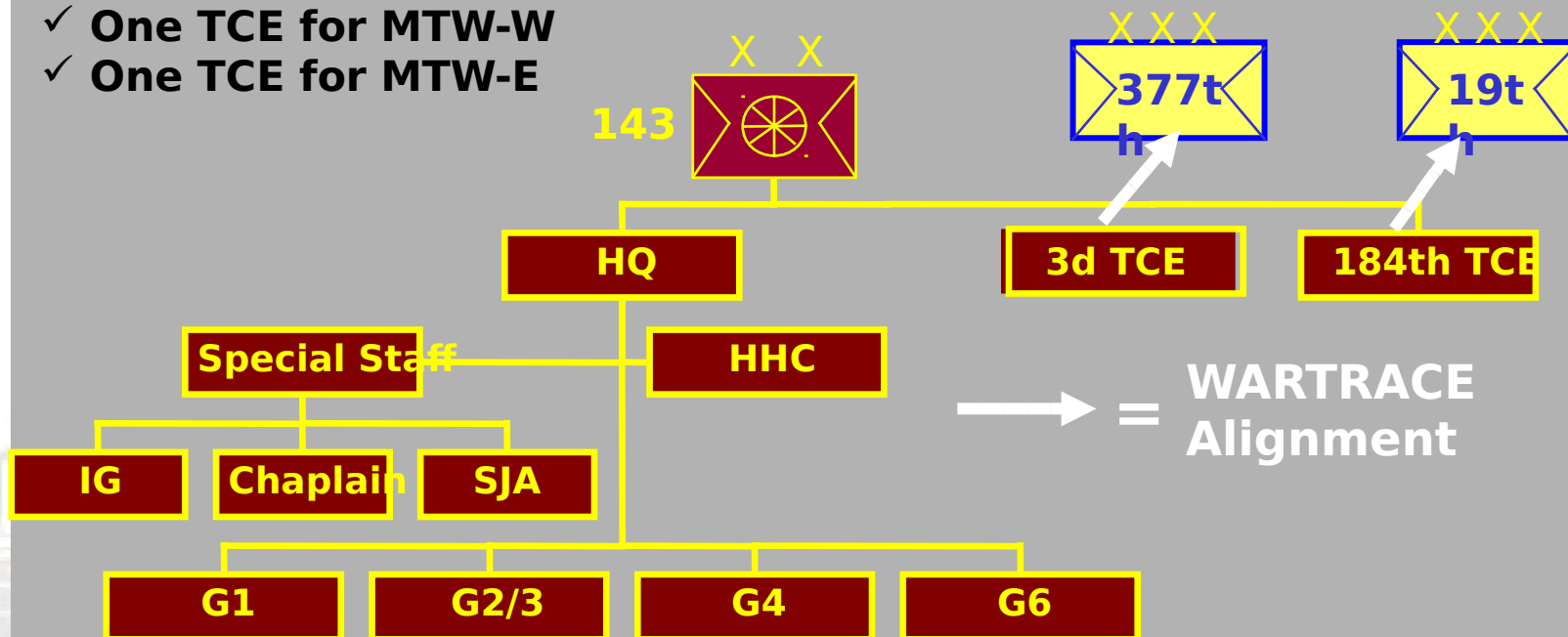
TRANSCOM Redesign & Transportation Command Element



TRANSCOM Design

One TRANSCOM w/2 TCEs:

- ✓ One TCE for MTW-W
- ✓ One TCE for MTW-E



TRANSCOM PROVIDES:

- ♦ C2 for transportation units supporting Army Service Component Commands (ASCCs)
- ▯ Transportation Command Element (TCE) to Theater Support Commands (TSCs).
- ▯ Peacetime EAC Transportation Planning for Army Component Commands
- ▯ Planning for and Training Oversight of TCE missions.



TCE Design

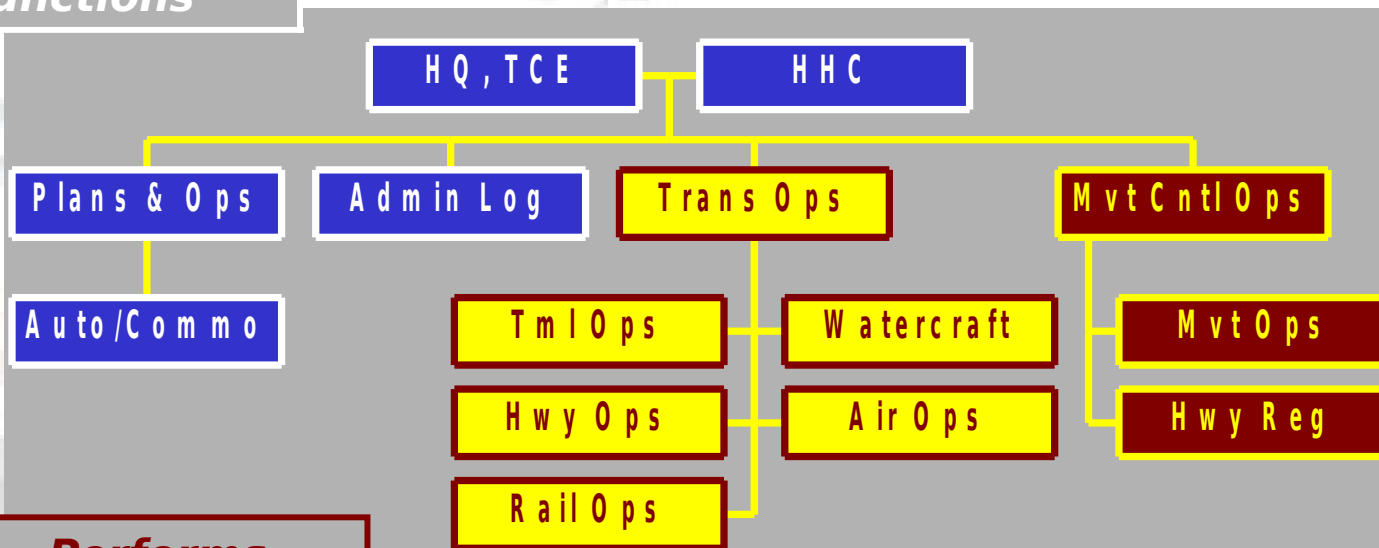
**OPCON
to TSC**

*Performs C2,
Staff and
Soldier Support
Functions*



TCE PROVIDES:

- C2 for transportation units supporting Theater Support Commands (TSCs).
- Transportation Directorate for TSC.
- Can function as the senior transportation element for a Corps when the Corps operates as ARFOR.



*Performs
Mission of
TRANSCOM
Assistant G2/3
for Trans Ops*

*Performs
TMCA
Mission*



TRANSCOM Redesign Summary

- Formally Establishes 143d TRANSCOM as the single planner for worldwide theater warfight transportation Operations
- Gives TRANSCOM two command elements - one for MTW-E and one for MTW-W
- Formalizes 37th command structure
- Preserves ARNG TC BG billet
- Reflags 3d TMCA as separate command
- Reduces Army equipment requirement by 100 spaces

Logistics Support Vessel (LSV)



Length: 273 feet / Beam: 60 feet
Draft: 12 feet loaded
Deck Area: 10,500 square feet

(24 Main Battle Tanks or 50 ea. 20' containers)

Payload: 2000 short tons
(= 86 C-141 loads)
Range: 6,500 nautical miles at 11.5 knots
Crew Size: 32
(8 warrant officers and 24 enl)



Landing Craft Utility 2000 (LCU 2000)

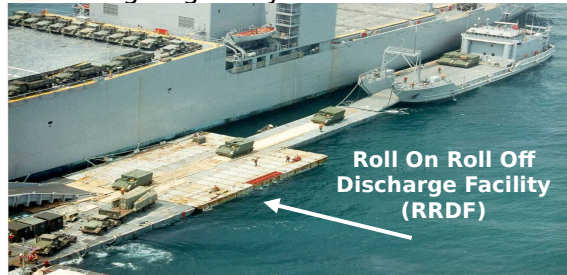
Length: 174 feet / Beam: 42 feet
Draft: 9 feet loaded
Deck Area: 2,500 square feet
(5 Main Battle Tanks or 12 ea. 20' containers)

Payload: 350 short tons (=15 C-141 loads)
Range: 6,500 nautical miles at 11.5 knots
Crew Size: 13
(2 warrant officers and 11 enlisted)



Small Tug 60'

Length: 60 feet / Beam: 22 feet
Draft: 6 feet loaded
Bollard Pull: 18 tons
Range: 720 nautical miles at 6 knots
Crew Size: 12 (2 WO / 10 Enl)
First Vessel in Service: 1998
Average Age: 3 yrs



Roll On Roll Off Discharge Facility (RRDF)

Modular Causeway System (MCS)
Components:

Roll-On, Roll-Off Discharge System (RRDF)

Causeway Ferry (CF)

Floating Causeway (FC)



143rd TRANSCOM
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6



Landing Craft, Mechanized (LCM-8)

Deck Area: 620 sq ft
(2 ea. 20' containers or 200 soldiers) / Mod 2
(HMMV Ambulance)
Payload: 53 short tons (=2 C-141 loads)
Mod 2: Pusher Knees; Stevedore Transport; C2; Light Duty Crane; Fire Monitor
Range: 271 nautical miles at 9 knots (loaded)
Crew Size: 6 enl (3 per shift for 24 hr opn)
First Vessel in Service: 1967 Mod 1 / 1999 Mod 2
Average Age: 31 yrs Mod1 / 3 yrs. Mod 2

143rd TRANSCOM
Length: 115 feet
Beam: 21 feet
Draft: 5 feet



Large Tug:
Length: 128 feet / Beam: 36 feet
Draft: 17 feet
Bollard Pull: 58 Tons (can pull a Guided Msl Crsr)
Range: 5,000 nautical miles @ 12 knots
Crew Size: 23 (8 WO / 15 Enl)
First Vessel in Service: 1994
Average Age: 7 yrs

Barge Derrick:
Length: 200 feet / Beam: 80 feet
Draft: 7+ when fully loaded
Lifting capacity: 115 long tons
Crew Size: 15 (2 WO / 13 Enl)
First Vessel in Service: 1998

"Project the Force"
Updated Sep 30



143rd Transportation Command Orlando, FL

Questions?

***MAJ Dennis McFadden
Operations Officer***